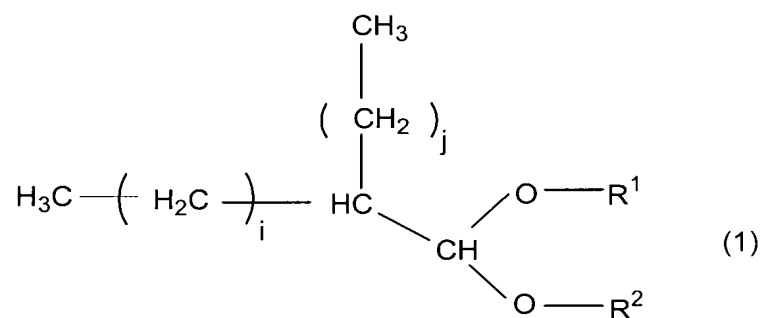


IN THE CLAIMS

Please amend the claims as follows:

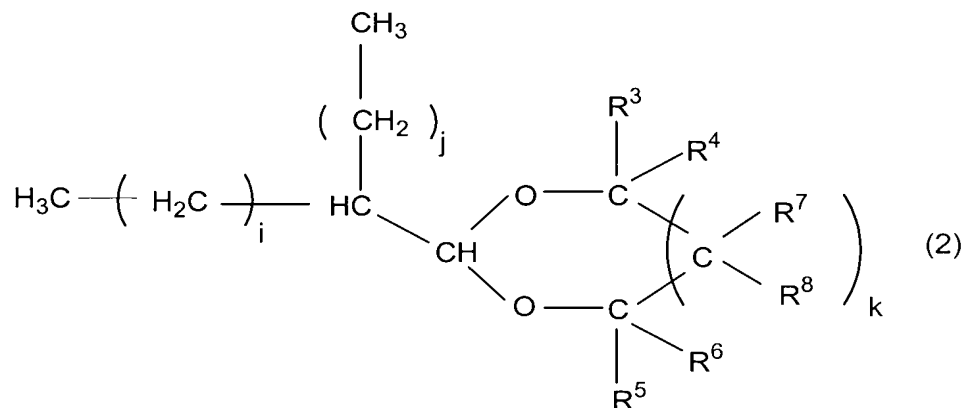
Claim 1 (Original): An alkylacetal compound having a structure represented by following general formula (1):



wherein R^1 and R^2 each independently represent a hydrocarbon group, and i and j each represent an integer satisfying a relation that a sum of the integers is in a range of 8 to 98.

Claim 2 (Original): An alkylacetal compound according to Claim 1, wherein i represents n , and j represents $n+2$, n representing an integer in a range of 3 to 48.

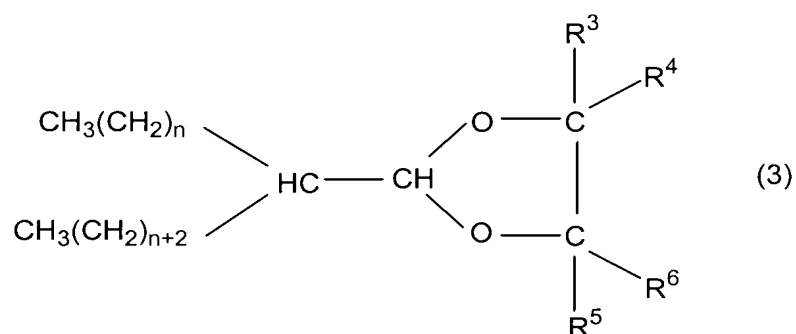
Claim 3 (Original): An alkylacetal compound having a structure represented by following general formula (2):



wherein R^3 to R^8 each independently represent hydrogen atom or a hydrocarbon group, k represents 0 or 1, and i and j each represent an integer satisfying a relation that a sum of the integers is in a range of 8 to 98.

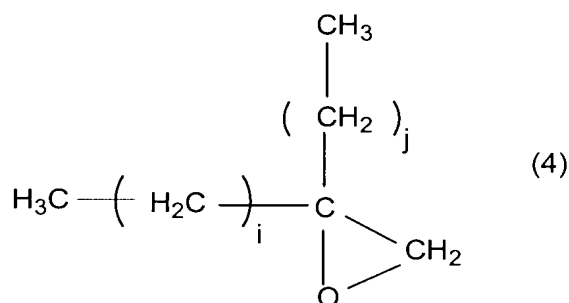
Claim 4 (Original): An alkylacetal compound according to Claim 3, wherein i represents n , and j represents $n+2$, n representing an integer in a range of 3 to 48.

Claim 5 (Original): An alkylacetal compound according to Claim 4, which is represented by following general formula (3):

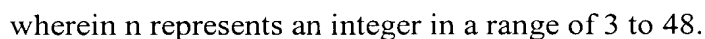


wherein R^3 to R^6 are as defined in general formula (2), and n represents an integer in a range of 3 to 48.

Claim 6 (Previously Presented): A process for producing an alkylacetal compound described in Claim 1 which comprises reacting an alcohol with an epoxide represented by following general formula (4):



Claim 7 (Original): A process for producing an alkylacetal compound according to Claim 6, wherein the epoxide is a compound represented by following general formula (5):

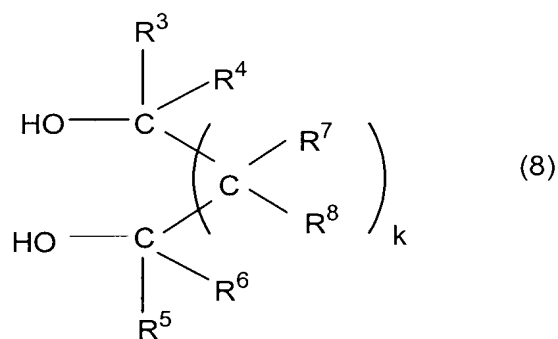

$$\text{H}_3\text{C}-\left(\text{H}_2\text{C}\right)_i-\text{CH}-\text{C}\begin{matrix} \text{H} \\ \text{O} \end{matrix} \quad (6)$$

Claim 9 (Original): A process for producing an alkylacetal compound according to Claim 8, wherein the aldehyde is a compound represented by following general formula (7):



wherein n represents an integer in a range of 3 to 48.

Claim 10 (Previously Presented): A process for producing an alkylacetal compound according to Claim 3, wherein the alkylacetal compound represented by general formula (2) is produced using as the alcohol a glycol represented by following general formula (8):



wherein R³ to R⁸ reach independently represent hydrogen atom or a hydrocarbon group, and k represents 0 or 1.

Claim 11 (Original): A process according to Claim 10, wherein the glycol is a compound selected from ethylene glycol, propylene glycol, 1,3-trimethylene glycol, derivatives of 1,3-trimethylene glycol and 1,2-butanediol.

Claims 12-17 (Canceled).

Claim 18 (Previously Presented): A process for producing an alkylacetal according to Claim 3 formula (2) by reacting an alcohol with an epoxide of formula (4) as set forth in Claim 6.

Claim 19 (Previously Presented): A process for producing an alkylacetal compound described in Claim 3 formula (2) by reacting an alcohol with an aldehyde of formula 6 as set forth in Claim 8.